Mumbai University

Question Paper

[CBSGS – 60:40 Pattern]
(October – 2014)

PAPER - IV

ELECTIVE

PROJECT

MANAGEMENT

Time: 2 ½ Hours　　　　　　　　　　　　　　　　　　　　　　　　　　　**Total Marks:** 60

N.B.: (1) *All Question are Compulsory.*
　　　(2) *Make Suitable Assumptions Wherever Necessary And State The Assumptions Made.*
　　　(3) *Answer To The Same Question Must Be Written Together.*
　　　(4) *Number To The Right Indicates Marks.*
　　　(5) *Draw Neat Labeled Diagrams Wherever Necessary.*
　　　(6) *Use of Non – Programmable Calculator is allowed.*

Q.1　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　List Boehm's top ten principles of Conventional Software Management.　　　　(5)
(B)　Analyze Waterfall Model in theory.　　　　(5)
(C)　What are the three generations of Software Development?　　　　(5)
(D)　What are the points to be discussed to reduce Software Project Size?　　　　(5)

Q.2　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　Explain the trains and characteristics of Modern Software Management.　　　　(5)
(B)　"Management set artifacts associated with process planning and execution". Justify the statement.　　　　(5)
(C)　Explain "Production Stage" of Software Development in detail.　　　　(5)
(D)　Write short note on Test Artifacts.　　　　(5)

Q.3　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　How do you classify the joint Management Reviews? Explain all the types.　　　　(5)
(B)　Write a short note on Minor Milestones.　　　　(5)
(C)　What are the conventional issues associated with work breakdown?　　　　(5)
(D)　Explain any five top level workflows in detail.　　　　(5)

Q.4　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　Which group is responsible for the quality of individual components? Explain their roles, artifacts and responsibilities.　　　　(5)
(B)　Compare the Life-Cycle focus of project organization with respect to Software Architecture Team.　　　　(5)
(C)　Explain "Round Trip Engineering" with neat diagram.　　　　(5)
(D)　Explain the three types of Project Environment.　　　　(5)

Q.5　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　Explain the four Indicators Metrics in detail.　　　　(5)
(B)　Explain the automation of Metrics of neat diagram.　　　　(5)
(C)　Enlist the factors of tailoring a software process framework. Explain the scale factor in detail.　　　　(5)
(D)　Compare and Contrast Small-Scale and Large-Scale Projects.　　　　(5)

Q.6　ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

(A)　Explain the best practices listed it out by "Airline Software Council".　　　　(5)
(B)　How does cost estimation serve as the Potential Solution for Modern Software Project Management? Explain.　　　　(5)
(C)　Explain the process of denouement.　　　　(5)
(D)　State the traits of modern process of development.　　　　(5)